

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|--------------------------|------------------|---------|------------------|
| S1 | 14693 | (sub-carrier or subcarrier or (sub adj carrier)) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/13 13:17 |
| S2 | 15102 | 359/109-195.ccls. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/13 13:18 |
| S3 | 421 | S1 and S2 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/13 13:18 |
| S4 | 74 | cancel\$7 and S3 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/13 13:18 |
| S5 | 237 | sieben.in. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/13 13:48 |
| S6 | 2 | S5 and S2 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/13 13:48 |
| S7 | 8 | (("5333000") or ("5745273") or ("5949560") or ("5982963") or ("6008931") or ("6118566") or ("6130766") or ("6163553")):PN. | USPAT; USOCR | OR | OFF | 2005/01/06 10:16 |
| S8 | 17618 | sideband\$1 or (side adj band\$1) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/06 13:43 |
| S9 | 5 | (sideband\$1 or (side adj band\$1)) and ((("5333000") or ("5745273") or ("5949560") or ("5982963") or ("6008931") or ("6118566") or ("6130766") or ("6163553")):PN.) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/14 12:59 |
| S10 | 5320 | scm or (((sub adj carrier) or subcarrier or sub-carrier) adj modulat\$4) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 09:39 |
| S11 | 15093 | 359/109-195.ccls. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 09:40 |
| S12 | 162 | (scm or (((sub adj carrier) or subcarrier or sub-carrier) adj modulat\$4)) and 359/109-195.ccls. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 09:40 |
| S13 | 389 | (scm or (((sub adj carrier) or subcarrier or sub-carrier) adj modulat\$4)) and quadrature | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 09:40 |
| S14 | 35 | ((scm or (((sub adj carrier) or subcarrier or sub-carrier) adj modulat\$4)) and quadrature) and 359/109-195.ccls. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 09:46 |

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| S15 | 409 | (scm or (((sub adj carrier) or subcarrier or sub-carrier) adj modulat\$4)) and (phase-shift\$4 or (phase adj shift\$4)) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 09:47 |
| S16 | 43 | ((scm or (((sub adj carrier) or subcarrier or sub-carrier) adj modulat\$4)) and (phase-shift\$4 or (phase adj shift\$4))) and 359/109-195.ccls. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 10:56 |
| S17 | 299 | (scm or (((sub adj carrier) or subcarrier or sub-carrier) adj modulat\$4)) and (sideband\$1 or (side adj band\$1)) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 10:57 |
| S18 | 40 | ((scm or (((sub adj carrier) or subcarrier or sub-carrier) adj modulat\$4)) and (sideband\$1 or (side adj band\$1))) and 359/109-195.ccls. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 11:43 |
| S19 | 2 | ("6118566").PN. | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 11:47 |
| S20 | 6 | (("5301058") or ("5745273") or ("5596436")).PN. | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 11:47 |
| S21 | 4 | way-winston-\$in. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 13:37 |
| S22 | 3516 | (mach adj zehnder) or mach-zehnder | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 13:38 |
| S23 | 694 | ((mach adj zehnder) or mach-zehnder) same (quadrature or ((phase adj shift\$4) or phase-shift\$4 or shift\$4)) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 13:40 |
| S24 | 12 | (((mach adj zehnder) or mach-zehnder) same (quadrature or ((phase adj shift\$4) or phase-shift\$4 or shift\$4))) and (scm or (((sub adj carrier) or subcarrier or sub-carrier) adj modulat\$4)) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 13:46 |
| S25 | 53 | dual with single with (side-band\$1 or sideband\$1) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/10 13:47 |
| S26 | 2670 | upper same lower same (side adj band\$1 or sideband\$1) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/11 11:00 |

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| S27 | 93 | (upper same lower same (side adj band\$1 or sideband\$1)) same overlap\$4 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/11 12:12 |
| S28 | 1 | ((upper same lower same (side adj band\$1 or sideband\$1)) same residual\$1) and ((upper same lower same (side adj band\$1 or sideband\$1)) same overlap\$4) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/11 12:12 |
| S29 | 44 | (upper same lower same (side adj band\$1 or sideband\$1)) same residual\$1 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/11 12:34 |
| S30 | 191 | 455/45.ccls. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/11 12:37 |
| S31 | 144 | (interleav\$4 or inter-leav\$4) with (side-band\$1 or sideband\$1 or (side adj band\$1)) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/11 12:39 |
| S32 | 17 | (interleav\$4 or inter-leav\$4) with (side-band\$1 or sideband\$1 or (side adj band\$1)) with single | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/11 12:46 |
| S33 | 3 | indigo adj photonics | USPAT; EPO; JPO; DERWENT | OR | OFF | 2002/09/11 12:46 |
| S34 | 1 | "5745273".URPN. | USPAT | OR | OFF | 2002/09/11 13:07 |
| S35 | 2 | "20020030877".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 14:29 |
| S36 | 2 | "6525857".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 14:28 |
| S37 | 18 | (US-20020030877-\$).did. or (US-5101450-\$ or US-5239401-\$ or US-5301058-\$ or US-5615037-\$ or US-5701186-\$ or US-5745273-\$ or US-5867295-\$ or US-5880870-\$ or US-5896211-\$ or US-5999300-\$ or US-6005894-\$ or US-6262834-\$ or US-6317243-\$ or US-6388785-\$ or US-6426821-\$ or US-6445476-\$ or US-6525857-\$).did. | US-PGPUB; USPAT | OR | OFF | 2004/12/06 14:43 |
| S38 | 14 | filter\$4 and S37 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 14:45 |

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| S39 | 4140 | filter\$4 with (sideband\$1 or ssb) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 16:15 |
| S40 | 11063 | 398/1-214.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 14:46 |
| S41 | 190 | S39 and S40 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 14:46 |
| S42 | 7305 | modulat\$4 with (sideband\$1 or ssb) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 15:05 |
| S43 | 365 | S40 and S42 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 15:43 |
| S44 | 154 | S41 and S43 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 15:05 |
| S45 | 111 | S43 and drop\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 15:44 |
| S46 | 6 | S40 and (reus\$4 near2 carrier) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/14 12:57 |
| S47 | 0 | S40 and (reus\$4 near2 baseband) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 15:46 |
| S48 | 98 | S40 and (modulator\$1 near2 series) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 16:09 |
| S49 | 23 | 398/96.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/09 20:42 |

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| S50 | 15 | ("5600466" "5764821" "5786913" "5822095" "5940197" "5982518" "6201909" "6208441" "6211980" "6222654" "6285479" "6339663" "6404535" "6525857" "6580537").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/06 16:15 |
| S51 | 174 | S40 and (notch adj filter\$4) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/06 16:18 |
| S52 | 16000 | (sideband\$1 or ssb or ossb) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 16:23 |
| S53 | 477 | S52 and S40 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/06 10:19 |
| S54 | 47 | S51 and S53 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 16:17 |
| S55 | 127 | S52 same (notch adj filter\$4) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/09 20:24 |
| S56 | 1049 | (optical with (sideband\$1 or ssb)) or ossb | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 16:35 |
| S57 | 44 | S55 and optic\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 16:28 |
| S58 | 4711 | S52 same (filter\$4) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/06 16:29 |
| S59 | 1262 | S58 and optic\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 16:30 |
| S60 | 2790 | S58 same (modulat\$4 or remodulat\$4) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/06 16:30 |
| S61 | 721 | S60 and optic\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 16:30 |

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| S62 | 184 | S40 and S61 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 16:30 |
| S63 | 53 | S56 same circulator | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/09 20:25 |
| S64 | 657 | carrier same (notch adj filter\$4) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/09 20:48 |
| S65 | 41 | S64 same circulator | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/09 20:25 |
| S66 | 38 | carrier same (filter\$4) same circulator same sideband\$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/09 20:34 |
| S67 | 11420 | 398/1-214.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/09 20:34 |
| S68 | 12342 | (carrier\$1 with suppress\$4) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/09 20:34 |
| S69 | 11089 | 398/1-214.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/09 20:34 |
| S70 | 15019 | (carrier\$1 with suppress\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/09 20:34 |
| S71 | 221 | S69 and S70 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/09 20:34 |
| S72 | 2560 | (filter\$4) same circulator | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/09 20:44 |
| S73 | 22 | S71 and S72 | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/09 20:35 |
| S74 | 90 | 398/76.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/09 20:42 |
| S75 | 4 | S74 and circulator | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/09 20:45 |

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|-----|-------|---|------------------------------------|----|-----|------------------|
| S76 | 3 | ("5440415").URPN. | USPAT | OR | OFF | 2004/12/09 20:46 |
| S77 | 3 | ("4715028" "4742576" "5083874").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/09 20:48 |
| S78 | 124 | 398/85.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/09 20:48 |
| S79 | 36 | carrier and S78 | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/09 20:48 |
| S80 | 392 | 398/83-85.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/09 20:48 |
| S81 | 392 | 398/83-85.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/07 15:00 |
| S82 | 111 | carrier and S81 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/09 20:49 |
| S83 | 15 | ("5600466" "5764821" "5786913" "5822095" "5940197" "5982518" "6201909" "6208441" "6211980" "6222654" "6285479" "6339663" "6404535" "6525857" "6580537").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/09 20:51 |
| S84 | 27 | S82 and sideband\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/09 20:53 |
| S85 | 1151 | (reus\$4 or reutiliz\$5 or remodulat\$4) near2 carrier | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/14 12:57 |
| S86 | 33 | (sideband\$1 or (side adj band\$1)) and S85 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/14 13:40 |
| S87 | 2 | "20020030877".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/06 10:17 |
| S88 | 11199 | 398/1-214.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/06 10:19 |

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| S89 | 16129 | (sideband\$1 or ssb or ossb) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/06 10:19 |
| S90 | 482 | S89 and S88 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/06 10:21 |
| S91 | 151 | S88 and (suppress\$4 near2 carrier\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 19:00 |
| S92 | 417655 | (ac or (alternating adj current)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/06 10:32 |
| S93 | 41 | S90 and S92 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/06 13:36 |
| S94 | 12 | ("6,067,181") or ("6,281,998") or ("6,415,074") or ("6,160,651") or ("5,506,712") or ("6,400,872")). PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/06 13:41 |
| S96 | 2 | ("6111673").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/06 13:41 |
| S97 | 165 | (sideband\$1 or (side adj band\$1)) with interleav\$4 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/06 13:44 |
| S98 | 196 | (sideband\$1 or (side adj band\$1)) with interleav\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/06 13:56 |
| S99 | 57 | chang-gee-kung.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/06 13:56 |
| S100 | 402 | 398/83-85.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/07 16:06 |
| S101 | 196 | (sideband\$1 or (side adj band\$1)) with interleav\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/07 15:23 |

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| S10 2 | 6800 | (single adj (sideband\$1 or (side adj band\$1))) or ossb or ssb | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/07 15:30 |
| S10 3 | 1447 | optical and S102 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/07 15:31 |
| S10 4 | 492 | optical same S102 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/07 15:31 |
| S10 5 | 39 | unequal\$2 and S104 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/07 15:39 |
| S10 6 | 87 | residual and S104 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/07 15:43 |
| S10 7 | 4309 | (circulator\$1 same filter\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/07 16:17 |
| S10 8 | 92 | S100 and S107 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/10 10:00 |
| S10 9 | 402 | 398/83-85.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/10 10:01 |
| S11 0 | 4309 | (circulator\$1 same filter\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/10 10:01 |
| S11 1 | 92 | S109 and S110 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/10 10:01 |
| S11 2 | 47 | S111 and (tunable) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/10 10:01 |
| S11 3 | 1472 | unequally adj spac\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 16:08 |

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| S11 4 | 2 | "6,160,651".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/10 11:51 |
| S11 5 | 2 | "6760549".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/10 11:51 |
| S11 6 | 2 | "20020131114".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/10 11:55 |
| S11 7 | 11227 | 398/1-214.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 16:08 |
| S11 8 | 1476 | unequally adj spac\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 16:08 |
| S11 9 | 70 | S117 and S118 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 16:26 |
| S12 0 | 125 | 398/42.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 16:53 |
| S12 1 | 100 | 398/72.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 16:54 |
| S12 2 | 97 | S121 not S120 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 16:56 |
| S12 3 | 43 | darcie-thomas-\$:in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 18:18 |
| S12 4 | 19 | S123 and S117 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 16:57 |
| S12 5 | 43 | darcie-thomas-\$:in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 18:29 |

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| S12 6 | 43 | darcie-thomas-\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 18:29 |
| S12 7 | 27 | ("5559624").URPN. | USPAT | OR | OFF | 2005/01/14 18:29 |
| S12 8 | 9 | ("4435705" "4730301" "4781427" "4787693" "4946244" "5212577" "5221983" "5537239" "5559624").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/14 18:34 |
| S12 9 | 178 | reflective adj modulator\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 18:39 |
| S13 0 | 6 | "4,451,827".pn. "6,359,951".pn. "5,751,455".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 18:40 |
| S13 1 | 5 | ("5751455").URPN. | USPAT | OR | OFF | 2005/01/14 18:40 |
| S13 2 | 3 | ("4236243" "4742976" "5566381").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/14 18:51 |
| S13 3 | 11569 | 398/1-214.ccis. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 18:51 |
| S13 4 | 91 | 398/76.ccis. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 18:52 |
| S13 6 | 16 | sideband and S134 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 18:53 |
| S13 7 | 493 | sideband\$1 and S133 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 18:52 |
| S13 8 | 1520 | sideband\$1 same baseband | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 18:54 |

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| S13 9 | 87 | S133 and S138 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 18:54 |
| S14 0 | 11227 | 398/1-214.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 19:00 |
| S14 1 | 153 | S140 and (suppress\$4 near2 carrier\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/18 10:22 |
| S14 2 | 119 | S141 and (modulat\$4 near2 carrier\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/18 10:59 |
| S14 3 | 8 | ("5781327").URPN. | USPAT | OR | OFF | 2005/01/14 19:28 |
| S14 4 | 22 | ("3500250" "4207525" "4820009" "5016990" "5077542" "5109441" "5161044" "5168534" "5181210" "5253309" "5278923" "5282072" "5321543" "5373389" "5387992" "5400417" "5420868" "5424863" "5430569" "5453608" "5561546").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/14 19:28 |
| S14 5 | 22 | ("20010024307" "20020030877" "3835386" "5142408" "5444561" "5448390" "5508845" "5625479" "5721796" "5745613" "5828478" "5926297" "6005702" "6014237" "6097529" "6141129" "6222861" "6259555" "6266171" "6384954" "6538788" "6643046").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/14 20:05 |
| S14 6 | 0 | wo-0013347-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 20:06 |
| S14 7 | 0 | wo-013347-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 20:06 |

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|----------|-------|--|---|----|-----|------------------|
| S14 8 | 0 | wo-13347-\$ did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/14 20:06 |
| S14 9 | 13 | ("5162937").URPN. | USPAT | OR | OFF | 2005/01/18 08:36 |
| S15 0 | 4 | "5546210".pn. "6366376".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/18 09:21 |
| S15 1 | 11234 | 398/1-214.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/18 10:22 |
| S15 2 | 153 | S151 and (suppress\$4 near2 carrier\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/18 10:57 |
| S15 3 | 2 | "5,479,082".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/18 10:55 |
| S15 4 | 119 | S152 and (modulat\$4 near2 carrier\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/18 11:06 |
| S15 5 | 34 | S152 not S154 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/18 10:59 |